PRD 10/18/2004

10/531,495 Yong Chu 07-11-2006

\$%^STN;HighlightOn=;HighlightOff=;

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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FILE 'HOME' ENTERED AT 07:53:28 ON 11 JUL 2006

=> g

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

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10 JUL 2006 HIGHEST RN 891779-14-9 STRUCTURE FILE UPDATES: DICTIONARY FILE UPDATES: 10 JUL 2006 HIGHEST RN 891779-14~9

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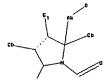
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http://www.cas.org/ONLINE/UG/regprops.html

Uploading C:\Documents and Settings\ychu\Desktop\Case\10531495\10531495.str



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chain nodes :
6 7 8 9 10 11 12 14
ring nodes :
1 2 3 4 5
chain bonds :
1-9 2-12 3-8 3-10 4-6 5-14 6-7 10-11
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 2-12 3-4 3-10 4-5 4-6 5-14 6-7 10-11
exact bonds :
1-9 3-8
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G1:Ak,H

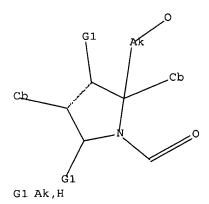
Saturation

Match level : 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS 14:CLASS Generic attributes : 8: Saturation : Unsaturated 9: : Unsaturated

Ll STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS Ll STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 07:54:02 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 64137 TO ITERATE

3.1% PROCESSED

2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS:

1267658 TO 1297822

PROJECTED ANSWERS: O TO 0

0 SEA SSS SAM L1

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ring nodes :

1 2 3 4 5

chain bonds :

1-18 2-10 3-8 3-16 4-6 5-12 6-7 8-9 16-17 18-19

ring bonds :

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exact/norm bonds :

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exact bonds :

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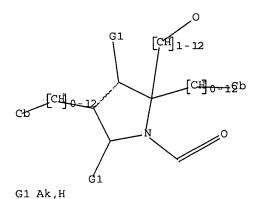
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STRUCTURE UPLOADED L3

=> d

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 07:59:16 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 24928 TO ITERATE

2000 ITERATIONS 8.0% PROCESSED INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) 1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE**

PROJECTED ITERATIONS:

489115 TO 508005 460

PROJECTED ANSWERS:

38 TO

1 SEA SSS SAM L3 L4

=> s 13 full

FULL SEARCH INITIATED 07:59:33 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 501068 TO ITERATE

93.8% PROCESSED 470079 ITERATIONS

330 ANSWERS

348 ANSWERS 100.0% PROCESSED 501068 ITERATIONS

SEARCH TIME: 00.00.32

348 SEA SSS FUL L3

=> file caplus

SINCE FILE TOTAL COST IN U.S. DOLLARS ENTRY SESSION 171.34 171.55 FULL ESTIMATED COST

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=> s 15

L6

6 L5

=> d ibib abs hitstr tot

ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:1171050 CAPLUS Full-text

DOCUMENT NUMBER:

143:440255

TITLE:

A process for the preparation of 2,2-disubstituted

pyrroles

INVENTOR(S):

Javadi, Gary; Karady, Sandor; Maeda, Kenji; Miller,

Ross A.; Szumigala, Ronald H. Merck & Co., Inc., USA PCT Int. Appl., 48 pp.

PATENT ASSIGNEE(S):

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIN	D :	DATE								DATE		
WO	2005102996				A2		20051103		WO 2005-US13630						20050415		
WO	2005	005102996			A3		20060119										
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		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	ΚP,	KR,	ΚZ,
		LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,
		NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,
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		ZM,	ZW														
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		AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IS,	IT,	LT,	LU,	MC,	NL,	PL,	PT,
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		MR,	NE,	SN,	TD,	TG											
RITY	APP	LN.	INFO	. :					US 2004-563583P P 2004041								

PRIORITY APPLN. INFO.:

OTHER SOURCE(S):

MARPAT 143:440255

GI

$$R_{102}C$$
 $C_{02}R_{2}$
 $R_{3}n$
 $C_{102}C$
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 $R_{102}C$

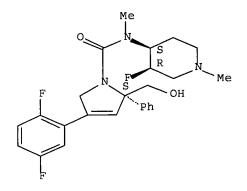
AB A process for the prepn. of title compds. of formula I [R1, R2 = independently (un)substituted (cyclo)alkyl, aryl or heterocyclyl;R3 = H, halo, cyano, hydroxy, etc.; n = 1 or 2] comprising reacting a compd. of formula II (R1-R3 and n are defined as above) with a halogenating agent in an aq. solvent is disclosed. For example, III was provided in a multi-step synthesis starting from (R)-2-phenylglycine. The crystal structure of (3R,4S)-3-fluoro-N,1-dimethylpiperidin-4-amine.bul.2HCl was also obtained. I are useful as intermediates in the prepn. of 2,2,4-trisubstituted 2,5-dihydropyrroles, that are inhibitors of mitotic kinesin (no data).

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of 2,2-disubstituted pyrroles starting from

(R)-2-phenylglycine) 845256-65-7 CAPLUS

RN 845256-65-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN ACCESSION NUMBER: 2005:182653 CAPLUS Full-text

DOCUMENT NUMBER: 142:280064

TITLE: Preparation of dihydropyrrolecarboxamides as mitotic

kinesin inhibitors for treating cancer

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Garbaccio,

Robert M.; Hartman, George D.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA SOURCE: PCT Int. Appl., 187 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 2004-US26012
    WO 2005019206
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             GE, GH, GM, HR, HU,
                                ID,
                                    IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
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                                            US 2003-495637P
PRIORITY APPLN. INFO.:
                                                              P 20030815
                                            US 2004-563580P
                                                                P 20040419
                                            WO 2004-US26012
                                                                W 20040811
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OTHER SOURCE(S): MARPAT 142:280064

GT

$$\begin{bmatrix} R^4 \\ N \end{bmatrix} \qquad \qquad F \qquad \qquad$$

The present invention relates to dihydropyrrole compds. I [R1, R2 = H, alkyl, aryl, etc.; R3 = H, AB alkyl, CH2OH, etc.; R4 = CO2H, halo, CN, etc.; R5 = H, halo, CN, etc.; R10, R11 = F, CH2F; R12, R13 = H, CH2F; R14 = absent, oxo; n = 0-3; t = 0-2; u = 0-1] that are useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. E.g., a multi-step synthesis of II, which showed an IC50 of .ltoreq. 50 .mu.M in kinesin ATPase in vitro assay, was given. The invention is also related to compns. which comprise these compds. I, and methods of using them to treat cancer in mammals.

RL: PAC (Pharmacological activity); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer) 845256-65-7 CAPLUS

RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-CN methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

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845256-66-8P 845256-67-9P 845256-69-1P
845256-76-0P 845256-77-1P 845256-81-7P
845256-82-8P 845256-83-9P 845256-84-0P
845256-87-3P 847041-29-6P 847041-35-4P
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     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for
        treating or preventing cancer)
RN
     845256-66-8 CAPLUS
     1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-
CN
     \verb|methyl-4-piperidinyl| -2, 5-dihydro-2-(hydroxymethyl) -N-methyl-2-phenyl-,\\
     (2S) - (9CI) (CA INDEX NAME)
```

RN 845256-67-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

```
RN 845256-69-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 845256-76-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{(2R,4R)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-77-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-81-7 CAPLUS CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-(1methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-82-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{(3S,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-83-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-84-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-((3S,4S)-3-fluoro-4-

piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-87-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-29-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4S)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

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RN 847041-35-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-3-fluoro-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
```

RN 847041-36-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-propyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-37-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(phenylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-38-7 CAPLUS

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-(4pyridinylmethyl) -4-piperidinyl] -2,5-dihydro-2-(hydroxymethyl) -N-methyl-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847041-39-8 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(3-CN pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847041-40-1 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(2-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME) CN

RN 847041-41-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-42-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(2-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-43-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(pyrazinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-44-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-phenyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-45-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(1H-imidazol-4-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-46-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(1H-pyrazol-1-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-47-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-oxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-48-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-isoxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-49-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-thiazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-50-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(2-methyl-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-51-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(2-methoxy-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-52-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(6-methyl-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-53-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(6-methoxy-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-56-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-57-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-59-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

RN 847041-71-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-72-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-73-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-74-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-75-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N,2-diphenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-76-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-,

RN 847041-77-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-78-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-79-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-,

RN 847041-80-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-81-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-82-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

RN 847041-83-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-84-3 CAPLUS

1H-Pyrrole-1-carboxamide, 4-(2-fluoro-5-methylphenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-85-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluoro-1-methyl-4-piperidinyl)-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-86-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluoro-1-methyl-4-piperidinyl)-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-87-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-{2,5-difluorophenyl}-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-88-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-,

RN 847041-89-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-90-1 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-91-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-ethyl-2-(fluoromethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-92-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-propyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-93-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(phenylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-94-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(4-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-95-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(3-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-96-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(2-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-97-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847041-98-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(2-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847041-99-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(pyrazinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-00-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-phenyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-01-7 CAPLUS

CN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(1H-imidazol-4-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-02-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(1H-pyrazol-1-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-03-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-oxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-04-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-isoxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-05-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-thiazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-06-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-[(2-methyl-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-07-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-[(2-methoxy-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-08-4 CAPLUS

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-[(6-CN methyl-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

847042-09-5 CAPLUS
1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{2-(fluoromethyl)-1-[(6-CN methoxy-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

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RN 847042-12-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 847042-13-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-15-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-27-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-28-8 CAPLUS CN 1H-Pyrrole-1-carboxa

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-29-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-30-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

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RN 847042-31-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N,2-diphenyl-, (2S)-(9CI) (CA INDEX NAME)
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Absolute stereochemistry.

RN 847042-32-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 847042-33-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 847042-34-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-35-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-36-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-37-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-[2-(fluoromethyl)1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-,
(2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-38-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-,
(2S)- (9CI) (CA INDEX NAME)

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-40-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-41-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-43-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-

methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-44-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-[2-

(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847042-45-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847042-46-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

845256-49-7P 847041-34-3P IT

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer) 845256-49-7 CAPLUS

RN

1H-Pyrrole-1-carbonyl chloride, 4-(2,5-difluorophenyl)-2-[[[(1,1-CNdimethylethyl) dimethylsilyl]oxy] methyl]-2,5-dihydro-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847041-34-3 CAPLUS RN

1-Piperidinecarboxylic acid, 4-[[[(2S)-4-(2,5-difluorophenyl)-2-[[[(1,1-CN dimethylethyl)dimethylsilyl]oxy]methyl]-2,5-dihydro-2-phenyl-1H-pyrrol-1yl]carbonyl]methylamino]-3-fluoro-, phenylmethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER:

DOCUMENT NUMBER:

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TITLE:

Preparation of dihydropyrrolecarboxamides as mitotic

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PATENT ASSIGNEE(S):

Coleman, Paul J.; Cox, Christopher D. Merck & Co., Inc., USA

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WO 2005018547	A2 20050303	WO 2004-US25964	20040811
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W: AE, AG, Al	, AM, AT, AU, AZ,	BA, BB, BG, BR, BW,	BY, BZ, CA, CH,
CN, CO, CI	CU, CZ, DE, DK,	DM, DZ, EC, EE, EG,	ES, FI, GB, GD,
GE, GH, GN	, HR, HU, ID, IL,	IN, IS, JP, KE, KG,	KP, KR, KZ, LC,
LK, LR, LS	, LT, LU, LV, MA,	MD, MG, MK, MN, MW,	MX, MZ, NA, NI,
NO, NZ, ON	, PG, PH, PL, PT,	RO, RU, SC, SD, SE,	SG, SK, SL, SY,
TJ, TM, T	, TR, TT, TZ, UA,	UG, US, UZ, VC, VN,	YU, ZA, ZM, ZW
RW: BW, GH, GM	, KE, LS, MW, MZ,	NA, SD, SL, SZ, TZ,	UG, ZM, ZW, AM,
AZ, BY, KO	, KZ, MD, RU, TJ,	TM, AT, BE, BG, CH,	CY, CZ, DE, DK,
EE, ES, F	, FR, GB, GR, HU,	IE, IT, LU, MC, NL,	PL, PT, RO, SE,
SI, SK, TI	BF, BJ, CF, CG,	CI, CM, GA, GN, GQ,	GW, ML, MR, NE,
SN, TD, TO	}		
AU 2004266629	A1 20050303	AU 2004-266629	20040811
CA 2533889	AA 20050303	CA 2004-2533889	20040811
EP 1656146	A2 20060517	EP 2004-780749	20040811
R: AT, BE, CI	, DE, DK, ES, FR,	GB, GR, IT, LI, LU,	NL, SE, MC, PT,
IE, SI, L	LV, FI, RO, CY,	TR, BG, CZ, EE, HU,	PL, SK
PRIORITY APPLN. INFO.:		US 2003-495735P	P 20030815
		WO 2004-US25964	W 20040811
OTHER SOURCE(S):	MARPAT 142:2800	71	

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

The present invention relates to dihydropyrrole compds. I [R1, R2 = H, alkyl, aryl, etc.; R3 = H, AB alkyl, CH2OH, etc.; R4 = CO2H, halo, CN, etc.; R5 = H, halo, CN, etc.; R10 = H, F; R11, R12 = F, CH2F; R13, R14 = H, CH2F; R15 = absent, oxo; oxcellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. E.g., a multi-step synthesis of a mixt. of II and III, which showed an IC50 of .ltoreq. 50 .mu.M in kinesin ATPase in vitro assay, was given. Over 260 compds. I were claimed. The invention is also related to compns. which comprise these compds. I, and methods of using them to treat cancer in mammals.

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847027-69-4P 847027-70-7P 847027-71-8P
847027-72-9P 847027-73-0P 847027-74-1P
847027-75-2P 847027-76-3P 847027-77-4P
847027-78-5P 847027-79-6P 847027-80-9P
847027-81-0P 847027-82-1P 847027-83-2P
847027-84-3P 847027-85-4P 847027-86-5P
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847028-29-9P 847028-30-2P 847028-31-3P
847028-32-4P 847028-33-5P 847028-34-6P
847028-35-7P 847028-36-8P 847028-37-9P
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847029-94-1P 847029-95-2P 847029-96-3P
847029-97-4P 847030-01-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for
   treating or preventing cancer)
847027-69-4 CAPLUS
1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(4R,6S)-6-
fluorohexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-
methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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Absolute stereochemistry.

RN

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RN 847027-70-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(4S,6R)-6-fluorohexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 847027-71-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-6-fluorohexahydro-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-72-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-propyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-73-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(phenylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-74-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(4-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-75-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-(3-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-76-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(2-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-77-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(5-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-78-5 CAPLUS

TH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(2-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-79-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(pyrazinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-80-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-phenyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-81-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(1H-imidazol-4-ylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-82-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(1H-pyrazol-1-ylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-83-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(5-oxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-84-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(5-isoxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-85-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-(5-thiazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-86-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-[(2-methyl-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-87-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-[(2-methoxy-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-88-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-[(6-methyl-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-89-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-fluorohexahydro-1-[(6-methoxy-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-92-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847027-94-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847027-96-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-08-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-09-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-10-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-11-9 CAPLUS

1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-12-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N,2-diphenyl-, (2S)-(9CI) (CA INDEX NAME)

847028-13-1 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN847028-14-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-(6fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847028-15-3 CAPLUS RN

1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-(6-CN fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-16-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-17-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-18-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-19-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-20-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-21-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-22-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-23-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-,(2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-24-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-25-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-26-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-27-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(6-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-28-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-ethyl-6-(fluoromethyl)hexahydro-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-29-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-propyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-30-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(phenylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-31-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(4-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-32-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(3-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-33-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(2-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-34-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(5-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-35-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(2-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-36-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-(pyrazinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-37-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-phenyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-38-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-(1H-imidazol-4-ylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-39-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-(1H-pyrazol-1-ylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-40-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-(5-oxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-41-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-(5-isoxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-42-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-(5-thiazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-43-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-[(2-methyl-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-44-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-[(2-methoxy-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-45-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-[(6-methyl-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-46-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-[(6-methoxy-3-pyridinyl)methyl]-1H-azepin-4-yl]2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-49-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl) hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(2hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-50-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(3hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-52-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-64-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-65-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-66-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-67-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-68-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N,2-diphenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-69-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-70-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-71-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-72-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-73-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-74-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-75-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-76-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-77-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-78-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-79-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847028-80-2 CAPLUS

RN

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-81-3 CAPLUS

CN lH-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-[6-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-82-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2-(3-fluorophenyl)-2,5dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-83-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[6(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

 ${\tt Absolute \ stereochemistry}.$

RN 847028-85-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-ethyl-2-(fluoromethyl)hexahydro-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-86-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-propyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-87-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(phenylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-88-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(4-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-89-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(3-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-90-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(2-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-91-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(5-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-92-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(2-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-93-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-(pyrazinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-94-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-phenyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-95-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-(1H-imidazol-4-ylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-96-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-(1H-pyrazol-1-ylmethyl)-1H-azepin-4-yl]-2,5dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847028-97-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-

(fluoromethyl)hexahydro-1-(5-oxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-98-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-(5-isoxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847028-99-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-(5-thiazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-00-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-[(2-methyl-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-01-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-[(2-methoxy-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX

Absolute stereochemistry.

RN 847029-02-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-[(6-methyl-3-pyridinyl)methyl]-1H-azepin-4-yl]2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-03-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-[(6-methoxy-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-06-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(2hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-07-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-09-8 CAPLUS CN 1H-Pyrrole-1-carboxamide

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-21-4 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-22-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-23-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

 ${\bf Absolute \ stereochemistry}.$

RN 847029-24-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-25-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N,2-diphenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-26-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-28-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-30-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-31-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

 ${\bf Absolute\ stereochemistry}.$

RN 847029-32-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-33-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-34-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-35-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-36-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-37-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-38-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-39-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 847029-40-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 847029-41-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2-(3-fluorophenyl)-2,5dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-42-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2(fluoromethyl)hexahydro-1-methyl-1H-azepin-4-yl]-2,5-dihydro-2(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 847029-43-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-3-fluorohexahydro-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 847029-44-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-propyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-45-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(phenylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-46-3 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(4-pyridinylmethyl)-lH-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-47-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(3-pyridinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-48-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{3-fluorohexahydro-1-(2-pyridinylmethyl)-1H-azepin-4-yl}-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-49-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(5-pyrimidinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

847029-50-9 CAPLUS RN

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(2pyrimidinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

847029-51-0 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-CN (pyrazinylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

847029-52-1 CAPLUS 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-CN $phenyl-1 \\ H-azepin-4-yl)-2, \\ 5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-,$ (2S) - (9CI) (CA INDEX NAME)

RN 847029-53-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(1H-imidazol-4-ylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-54-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(1H-pyrazol-1-ylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-55-4 CAPLUS

IH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(5-oxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-56-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(5-isoxazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-57-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-(5-thiazolylmethyl)-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-58-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-[(2-methyl-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-59-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-[(2-methoxy-4-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-60-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-[(6-methyl-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-61-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluorohexahydro-1-[(6-methoxy-3-pyridinyl)methyl]-1H-azepin-4-yl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-64-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-65-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-67-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-79-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-80-5 CAPLUS

CN 1.H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-81-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-82-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-83-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N,2-diphenyl-, (2S)-(9CI) (CA INDEX NAME)

RN 847029-84-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-85-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclobutyl-4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-86-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

 ${\bf Absolute \ stereochemistry}.$

RN 847029-87-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-88-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-89-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-90-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-91-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-92-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-93-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-94-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-95-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

RN 847029-96-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847029-97-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 847030-01-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-(3-fluorohexahydro-1-methyl-1H-azepin-4-yl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

845256-49-7P IT

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer) 845256-49-7 CAPLUS

RN

1H-Pyrrole-1-carbonyl chloride, 4-(2,5-difluorophenyl)-2-[{[(1,1-CN dimethylethyl)dimethylsilyl]oxy]methyl]-2,5-dihydro-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

NOT ODD

ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:158826 CAPLUS Full-text

DOCUMENT NUMBER:

142:261392

TITLE:

Preparation of pyrrole derivatives as mitotic kinesin

inhibitors

INVENTOR (S):

Coleman, Paul J.; Cox, Christopher D.

PATENT ASSIGNEE(S):

Merck & Co., Inc., USA

SOURCE:

PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE			
WO 2005017190	A2 20050224	WO 2004-US26242	20040811			
	A3 20051215					
W: AE, AG, AL,	AM, AT, AU, AZ,	BA, BB, BG, BR, BW, BY,	BZ, CA, CH,			
CN, CO, CR,	CU, CZ, DE, DK,	DM, DZ, EC, EE, EG, ES,	FI, GB, GD,			
GE, GH, GM,	HR, HU, ID, IL,	IN, IS, JP, KE, KG, KP,	KR, KZ, LC,			
LK, LR, LS,	LT, LU, LV, MA,	MD, MG, MK, MN, MW, MX,	MZ, NA, NI,			
NO, NZ, OM,	PG, PH, PL, PT,	RO, RU, SC, SD, SE, SG,	SK, SL, SY,			
TJ, TM, TN,	TR, TT, TZ, UA,	UG, US, UZ, VC, VN, YU,	ZA, ZM, ZW			
RW: BW, GH, GM,	KE, LS, MW, MZ,	NA, SD, SL, SZ, TZ, UG,	ZM, ZW, AM,			
AZ, BY, KG,	KZ, MD, RU, TJ,	TM, AT, BE, BG, CH, CY,	CZ, DE, DK,			
EE, ES, FI,	FR, GB, GR, HU,	IE, IT, LU, MC, NL, PL,	PT, RO, SE,			
SI, SK, TR,	BF, BJ, CF, CG,	CI, CM, GA, GN, GQ, GW,	ML, MR, NE,			
SN, TD, TG						
AU 2004264533	A1 20050224	AU 2004-264533	20040811			
CA 2534729	AA 20050224	CA 2004-2534729	20040811			
EP 1656133	A2 20060517	EP 2004-780997	20040811			

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
PRIORITY APPLN. INFO.:
US 2003-495466P P 20030815
WO 2004-US26242 W 20040811

OTHER SOURCE(S):

MARPAT 142:261392

Title compds. represented by the formula I [wherein R1, R2 = independently H, (un)substituted (cyclo)alkyl, aryl, heterocyclyl; R3 = H, alkyl(hydroxy), alkenyloxyalkyl, etc.; R4 = independently (carbonyl)(oxy)alkyl, carboxy, OH, etc.; R5 = H, halo, CN, etc.; R10 = F or CH2F; R11, R12 = independently H or CH2F; Rx = absent or oxo; m = 0-2; n = 0-3; and pharmaceutically acceptable salts or stereoisomers thereof] were prepd. as mitotic kinesin inhibitors (no data). For example, I (R1 = R2 = Me, R3 = CH2OH, R4 = 2,4-F2, R5 = R10 = R12 = H, R11 = F, Rx = absent, n = 0) was given in a multi-step synthesis starting from .alpha.-allyl-.alpha.-phenylglycine Et ester. The title compds. and their pharmaceutical compns. are useful as mitotic kinesin inhibitors, esp. KSP kinesin inhibitors, for the treatment of cellular proliferative diseases and disorders assocd. with KSP kinesin activity, such as cancer in mammals (no data).

845893-94-9P 845893-95-0P 845893-99-4P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of pyrrole derivs. as mitotic kinesin inhibitors)

RN 845893-94-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-4-fluoro-3-pyrrolidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845893-95-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-4-fluoro-3-pyrrolidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

RN 845893-99-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,5S)-5-(fluoromethyl)-3-pyrrolidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

RN 845893-97-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-4-fluoro-1-methyl-3-pyrrolidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 845894-00-0 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,5S)-5(fluoromethyl)-1-methyl-3-pyrrolidinyl]-2,5-dihydro-2-(hydroxymethyl)-Nmethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845894-01-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{(3S,5R)-5-(fluoromethyl)-1-methyl-3-pyrrolidinyl}-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

 ${\bf Absolute \ stereochemistry}.$

RN 845894-02-2 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,5R)-5-(fluoromethyl)-3-pyrrolidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

845256-49-7P 845893-98-3P IT

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of pyrrole derivs. as mitotic kinesin inhibitors)

845256-49-7 CAPLUS RN

 $\label{lem:helmonth} {\tt 1H-Pyrrole-1-carbonyl chloride, 4-(2,5-difluorophenyl)-2-[[[(1,1-difluorophenyl)-2-[((1,1-difluorophenyl)-2-((1,1-difluorop$ CN dimethylethyl)dimethylsilyl]oxy]methyl]-2,5-dihydro-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

845893-98-3 CAPLUS RN

1-Pyrrolidinecarboxylic acid, 4-[[[(2S)-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-2-(fluoromethyl)-, 1,1-dimethylethyl ester, (2S,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:140806 CAPLUS Full-text

DOCUMENT NUMBER:

142:240324

TITLE:

A preparation of pyrrolecarboxamide derivatives,

useful as mitotic kinesin inhibitors

INVENTOR(S):

Coleman, Paul J.; Cox, Christopher D.; Garbaccio,

Robert M.; Hartman, George D.

PATENT ASSIGNEE(S):

USA

SOURCE:

U.S. Pat. Appl. Publ., 52 pp.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	ENT 1	NO.			KIN	D	DATE			APPL	ICAT:	ION I	NO.		D	ATE	
US	2005038074			A1 20050217			US 2004-916096						20040811				
WO	2005019205			A1 20050303			WO 2004-US25980						20040811				
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	ŪĠ,	ZM,	ZW,	AM,
		ΑZ,	BY,	KG,	ΚZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
		ΕE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	ΝL,	PL,	PT,	RO,	SE,
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,
		SN,	TD,	TG													
PRIORITY	APP	LN.	INFO	. :					1	US 2	003-	4956	37P		P 2	0030	815
											003-					0031	

US 2004-563586P P 20040419

OTHER SOURCE(S):

MARPAT 142:240324

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

The invention relates to a prepn. of pyrrolecarboxamide derivs. of formula I [wherein: R1 is H, alkyl, aryl, or heterocyclyl, etc.; R2 is 4-piperidinyl deriv.; R3 is H, alkyl, alkdiyl-OH, alkdiyl-O-alkyl, or alk(en/yn)diyl-C(O)-NH2, etc.; R4 is CO2H, halogen, CN, or OH, etc.; R5 is H, CO2H, CN, halogen, or OP(:O)(OH)2, etc.], useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. The invention is also related to compns. which comprise these compds., and methods of using them to treat cancer in mammals. For instance, pyrrolecarboxamide deriv. II (kinesin ATPase in vitro assay: IC50 < 50 .mu.M) was prepd. via amidation of carbamoyl chloride III by amine IV (conversion of III to the product was >98%).

845256-65-7P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin

RN 845256-65-7 CAPLUS

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-CN methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S) - (9CI) (CA INDEX NAME)

Absolute stereochemistry.

845256-78-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.

Absolute stereochemistry.

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RN 845256-67-9 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 845256-69-1 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-77-1 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-81-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-(1-methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 845256-82-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-83-9 CAPLUS

Absolute stereochemistry.

RN 845256-84-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

RN 845256-85-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2R,4R)-2-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 845256-86-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4S)-2-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 845256-87-3 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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RN 845256-88-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-(1-methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

845256-79-3 CAPLUS

1-Piperidinecarboxylic acid, 4-[[[(2S)-4-(2,5-difluorophenyl)-2,5-dihydro-CN2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-3-fluoro-, phenylmethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

845256-76-0P 845256-90-8P IT

> RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin inhibitors)

845256-76-0 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2R,4R)-2-CN (fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-Nmethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

845256-90-8 CAPLUS

RNCN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4R)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-

Current application

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN 2004:368866 CAPLUS Full-text

ACCESSION NUMBER: DOCUMENT NUMBER:

140:391193

TITLE:

Preparation of dihydropyrroles as mitotic kinesin

Christopher D.; Hartman, George D.; Mariano, Brenda J.

inhibitors for treating cellular proliferative

diseases

INVENTOR(S):

Breslin, Michael J.; Coleman, Paul J.; Cox,

PATENT ASSIGNEE(S): SOURCE:

Merck & Co., Inc., USA PCT Int. Appl., 178 pp.

CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE:

Patent English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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AU 2003287057				A1 20040513				AU 2003-287057				20031014					
EP	EP 1556052			A2		20050727		EP 2003-777578			20031014						
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		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK	
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OTHER SOURCE(S):

MARPAT 140:391193

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AΒ Title compds. I {wherein R1 = (un) substituted acyl(alkyl), carbamoyl(alkyl), sulfamoyl(alkyl), aryl, heterocyclyl, alkyl, etc.; R2 and R6 = independently (un) substituted aryl(alkyl), cycloalkyl, or heterocyclyl; R3 = (un) substituted alkoxyalk(en/yn)yl, carbamoylalk(en/yn)yl, alkylsulfonylalk(en/yn)yl, etc.; R4, R5, and R7 = independently H or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, perfluoroalkyl, arylalkyl, or heterocyclyl; or R5 and R7 are combined to form an oxo or sulfoxo; or pharmaceutically acceptable salt of stereoisomer thereof] were prepd. for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. The invention is also related to compns. which comprise these compds., and methods of using them to treat cancer (no data). For instance, palladium catalyzed Suzuki coupling of 7a-phenyldihydro-1H-pyrrolo[1,2-c][1,3]oxazole-3,6(5H)-dione (multistep prepn. given) and 2,5-difluorophenylboronic acid afforded 6-(2,5-difluorophenyl)-7a-phenyl-5,7a-dihydro-1H-pyrrolo[1,2-c][1,3]oxazol- 3-one. The pyrrolooxazolone was treated with NaOH in EtOH to give the (hydroxymethyl)pyrrole, which was O-protected with tert-butyldimethylsilyl chloride. Reaction of the pyrrole with triphosgene and dimethylamine, followed by deprotection using triethylamine trihydrofluoride in MeCN provided II. In a kinesin ATPase assay using a human KSP motor domain construct and microtubules from bovine brain tubulin, example compds. inhibited the ATPase hydrolysis reaction with IC50 .ltoreq. 50 .mu.M. тт

686320-80-9P, 4-(2,5-Difluorophenyl)-N-[1-(2-fluoroethyl)piperidin-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1carboxamide 686320-85-4P, N-(1-Cyclopropylpiperidin-4-yl)-4-(2,5difluorophenyl)-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

(KSP inhibitor; prepn. of dihydropyrroles as KSP inhibitors for treating proliferative diseases)

RN 686320-80-9 CAPLUS

CN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-(2-fluoroethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CAINDEX NAME)

RN 686320-85-4 CAPLUS
CN 1H-Pyrrole-1-carboxamide, N-(1-cyclopropyl-4-piperidinyl)-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

686320-30-9P, (2S)-4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-Nmethyl-N-(1-methylpiperidin-4-yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1carboxamide 686320-79-6P, (2S)-4-(2,5-Difluorophenyl)-N-[1-(2fluoroethyl)piperidin-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5dihydro-1H-pyrrole-1-carboxamide 686320-81-0P, (2R)-4-(2,5-Difluorophenyl)-N-[1-(2-fluoroethyl)piperidin-4-yl]-2-(hydroxymethyl) - N - methyl - 2 - phenyl - 2 , 5 - dihydro - 1 H - pyrrole - 1 - carboxamide686320-84-3P, (2S)-N-(1-Cyclopropylpiperidin-4-yl)-4-(2,5difluorophenyl)-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686320-86-5P, (2R)-N-(1-Cyclopropylpiperidin-4-yl)-4-(2,5-difluorophenyl)-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1Hpyrrole-1-carboxamide 686321-51-7P, (2R)-4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-(1-methylpiperidin-4-yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (KSP inhibitor; prepn. of dihydropyrroles as KSP inhibitors for treating proliferative diseases) 686320-30-9 CAPLUS RN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-CN (hydroxymethyl)-N-methyl-N-(1-methyl-4-piperidinyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 686320-79-6 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-(2-fluoroethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)
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Absolute stereochemistry.

RN 686320-81-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-(2-fluoroethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 686320-84-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(1-cyclopropyl-4-piperidinyl)-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

686320-86-5 CAPLUS

RN

CN 1H-Pyrrole-1-carboxamide, N-(1-cyclopropyl-4-piperidinyl)-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 686321-51-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2(hydroxymethyl)-N-methyl-N-(1-methyl-4-piperidinyl)-2-phenyl-, (2R)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

686320-29-6P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N,Ndimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686320-32-1P, 4-(2,5-Difluorophenyl)-2-[(2-hydroxyethoxy)methyl]-N, N-dimethyl-2-phenyl-2, 5-dihydro-1H-pyrrole-1-carboxamide 686320-37-6P, 3-[4-(2,5-Difluorophenyl)-1-[(dimethylamino)carbonyl]-2-phenyl-2,5-dihydro-1H-pyrrol-2-yl]prop-2-en-1ol 686320-39-8P, 2-(3-Hydroxypropyl)-4-(2,5-difluorophenyl)-N,Ndimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686320-88-7P RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (KSP inhibitor; prepn. of dihydropyrroles as KSP inhibitors for treating proliferative diseases) RN 686320-29-6 CAPLUS 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl) -N, N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{O} \\ \text{C-NMe}_2 \\ \text{Ph} \\ \text{N} \\ \text{HO-CH}_2 - \text{CH}_2 - \text{O-CH}_2 \\ \text{F} \\ \end{array}$$

RN 686320-37-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(3-hydroxy-1-propenyl)-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{O} \\ \text{C-NMe}_2 \\ \text{Ph} \\ \text{N} \\ \text{F} \end{array}$$

RN 686320-39-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(3-hydroxypropyl)-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-88-7 CAPLUS

CN 1-Piperidineacetic acid, 4-[[4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]- (9CI) (CA INDEX NAME)

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686320-31-0P, 4-(2,5-Difluorophenyl)-2-(methoxymethyl)-N,N-
dimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-33-2P, 2-[(2-Aminoethoxy)methyl]-4-(2,5-difluorophenyl)-N,N-
dimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide hydrochloride
686320-43-4P, 4-(2,5-Difluorophenyl)-2-(1-hydroxyethyl)-N,N-
dimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-44-5P, 4-(2,5-Difluorophenyl)-2-(1-hydroxypropyl)-N,N-
dimethyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-45-6P, 4-(2,5-Difluorophenyl)-2-[1-hydroxy-2-methylpropyl]-
N, N-dimethyl-2-phenyl-2, 5-dihydro-1H-pyrrole-1-carboxamide
686320-46-7P, 4-(2,5-Difluorophenyl)-2-
[(hydroxy)(cyclopropyl)methyl]-N,N-dimethyl-2-phenyl-2,5-dihydro-1H-
pyrrole-1-carboxamide 686320-48-9P, [4-(2,5-Difluorophenyl)-2-
phenyl-1-[(piperidin-1-yl)carbonyl]-2,5-dihydro-1H-pyrrol-2-yl]methanol
686320-49-0P, [4-(2,5-Difluorophenyl)-2-phenyl-1-[(morpholin-4-
yl)carbonyl]-2,5-dihydro-1H-pyrrol-2-yl]methanol 686320-50-3P,
[4-(2,5-Difluorophenyl)-2-phenyl-1-[(4-methylpiperazin-1-yl)carbonyl]-2,5-
dihydro-1H-pyrrol-2-yl]methanol 686320-51-4P,
[4-(2,5-Difluorophenyl)-2-phenyl-1-[[3-[(dimethylamino)methyl]piperidin-1-
yl]carbonyl]-2,5-dihydro-1H-pyrrol-2-yl]methanol 686320-52-5P,
[4-(2,5-Difluorophenyl)-2-phenyl-1-[(azetidin-1-yl)carbonyl]-2,5-dihydro-
1H-pyrrol-2-yl]methanol 686320-53-6P, [4-(2,5-Difluorophenyl)-2-
phenyl-1-[[(tetrahydro-2H-pyran-4-yl)(methyl)amino]carbonyl]-2,5-dihydro-
1H-pyrrol-2-yl]methanol 686320-54-7P, [4-(2,5-Difluorophenyl)-2-
phenyl-1-[[[3-(methylamino)-2-methylpropyl](methyl)amino]carbonyl]-2,5-
dihydro-1H-pyrrol-2-yl]methanol 686320-55-8P,
[4-(2,5-Difluorophenyl)-2-phenyl-1-[[(1-methylpyrrolidin-3-
yl) (methyl) amino] carbonyl] -2,5-dihydro-1H-pyrrol-2-yl] methanol
686320-56-9P, [4-(2,5-Difluorophenyl)-2-phenyl-1-[[(1-
benzylpyrrolidin-3-yl) (methyl) amino] carbonyl] -2,5-dihydro-1H-pyrrol-2-
yl]methanol 686320-57-0P, [4-(2,5-Difluorophenyl)-2-phenyl-1-
[[(pyrrolidin-3-yl)(methyl)amino]carbonyl]-2,5-dihydro-1H-pyrrol-2-
yl]methanol 686320-58-1P, [4-(2,5-Difluorophenyl)-2-phenyl-1-
[[(1-methylpiperidin-4-yl)(cyclopropyl)amino]carbonyl]-2,5-dihydro-1H-
pyrrol-2-yl]methanol 686320-59-2P, [4-(2,5-Difluorophenyl)-2-
phenyl-1-[{(1-methylpiperidin-4-yl)amino]carbonyl]-2,5-dihydro-1H-pyrrol-2-
yl]methanol 686320-60-5P, [4-(2,5-Difluorophenyl)-2-phenyl-1-
[[(benzyl)(methyl)amino]carbonyl]-2,5-dihydro-1H-pyrrol-2-yl]methanol
686320-63-8P, 4-(2,5-Difluorophenyl)-N-[1-(N,N-
dihydro-1H-pyrrole-1-carboxamide 686320-64-9P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-[1-(morpholin-4-
ylacetyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-65-0P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
(piperidin-4-yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-66-1P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
[1-(2-aminoacetyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-
carboxamide 686320-67-2P 686320-68-3P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-[1-(piperidin-1-
ylacetyl)piperidin-4-yl}-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-69-4P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
[1-(azetidin-1-ylacetyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-
carboxamide 686320-70-7P, 4-(2,5-Difluorophenyl)-2-
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(hydroxymethyl) -N-methyl-N-[1-[2-(morpholin-4-yl)-1-oxopropyl]piperidin-4-
yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686320-71-8P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-[1-[2-
(ethylamino)acetyl]piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-
carboxamide 686320-72-9P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl)-N-methyl-2-phenyl-N-(piperidin-3-yl)-2,5-dihydro-1H-
pyrrole-1-carboxamide 686320-73-0P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl)-N-methyl-2-phenyl-N-(1-methylpiperidin-3-yl)-2,5-dihydro-
1H-pyrrole-1-carboxamide 686320-74-1P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl) -N-methyl-2-phenyl-N-(1-ethylpiperidin-3-yl)-2,5-dihydro-1H-
pyrrole-1-carboxamide 686320-75-2P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(1-methylethyl)piperidin-3-yl]-2,5-
dihydro-1H-pyrrole-1-carboxamide 686320-76-3P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-2-phenyl-N-[1-[2-
(dimethylamino) acetyl] piperidin-3-yl] -2,5-dihydro-1H-pyrrole-1-carboxamide
686320-77-4P, N-[1-(2,2-Difluoroethyl)piperidin-4-yl]-4-(2,5-
difluorophenyl)-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-
1-carboxamide 686320-78-5P, 4-(2,5-Difluorophenyl)-N-[1-(2-
hydroxyethyl)piperidin-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-
dihydro-1H-pyrrole-1-carboxamide 686320-82-1P
686320-83-2P, 4-(2,5-Difluorophenyl)-N-[1-[2-fluoro-1-
(fluoromethyl)ethyl]piperidin-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-
2,5-dihydro-1H-pyrrole-1-carboxamide 686320-87-6P, Benzyl
2-[4-[[[4-(2,5-difluorophenyl)-2-(hydroxymethyl)-2-phenyl-2,5-dihydro-1H-
pyrrol-1-yl] carbonyl] (methyl) amino] piperidin-1-yl] acetate
686320-89-8P, Methyl 2-[4-[[[4-(2,5-difluorophenyl)-2-
(hydroxymethyl)-2-phenyl-2,5-dihydro-1H-pyrrol-1-
yl]carbonyl](methyl)amino]piperidin-1-yl]acetate 686320-90-1P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-[1-(1-
methylethyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-91-2P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
(1-ethylpiperidin-4-yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-92-3P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
[1-(cyclopropylmethyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-
carboxamide 686320-93-4P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl)-N-methyl-N-[1-(2-fluoro-1-methylethyl)piperidin-4-yl]-2-
phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686320-94-5P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-[1-(2,2-difluoro-1-
methylethyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
686320-95-6P, 4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-
[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-2-phenyl-2,5-dihydro-1H-pyrrole-
1-carboxamide 686320-96-7P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl) -N-methyl-N-(1-benzylpiperidin-4-yl) -2-phenyl-2,5-dihydro-
1H-pyrrole-1-carboxamide 686320-97-8P, 4-(2,5-Difluorophenyl)-2-
(hydroxymethyl)-N-methyl-N-[1-(pyridin-4-ylmethyl)piperidin-4-yl]-2-phenyl-
2,5-dihydro-1H-pyrrole-1-carboxamide 686320-98-9P,
4-(2,5-Difluorophenyl)-2-(methoxymethyl)-N-methyl-N-(1-methylpiperidin-4-
yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686321-47-1P,
4-(2,5-Difluorophenyl)-2-(hydroxymethyl)-N-methyl-N-(1-methylpiperidin-4-
yl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide 686321-48-2P,
2-[(2-Aminoethoxy)methyl]-4-(2,5-difluorophenyl)-N,N-dimethyl-2-phenyl-2,5-
dihydro-1H-pyrrole-1-carboxamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (KSP inhibitor; prepn. of dihydropyrroles as KSP inhibitors for
   treating proliferative diseases)
686320-31-0 CAPLUS
1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-
(methoxymethyl) -N, N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)
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RN

CN

RN 686320-33-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-[(2-aminoethoxy)methyl]-4-(2,5-difluorophenyl)-2,5-dihydro-N,N-dimethyl-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 686320-43-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(1-hydroxyethyl)-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-44-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(1-hydroxypropyl)-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-45-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(1-hydroxy-2-methylpropyl)-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-46-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(cyclopropylhydroxymethyl)-4-(2,5-difluorophenyl)-2,5-dihydro-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-48-9 CAPLUS

CN 1H-Pyrrole-2-methanol, 4-(2,5-difluorophenyl)-2,5-dihydro-2-phenyl-1-(1-piperidinylcarbonyl)- (9CI) (CA INDEX NAME)

RN 686320-49-0 CAPLUS

CN Morpholine, 4-[[4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 686320-50-3 CAPLUS
CN 1H-Pyrrole-2-methanol, 4-(2,5-difluorophenyl)-2,5-dihydro-1-[(4-methyl-1-piperazinyl)carbonyl]-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-52-5 CAPLUS
CN 1H-Pyrrole-2-methanol, 1-(1-azetidinylcarbonyl)-4-(2,5-difluorophenyl)-2,5-dihydro-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-53-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-(tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)

RN 686320-54-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-[2-methyl-3-(methylamino)propyl]-2-phenyl-(9CI) (CA INDEX NAME)

RN 686320-55-8 CAPLUS

CN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-(1-methyl-3-pyrrolidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-56-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(phenylmethyl)-3-pyrrolidinyl]-(9CI) (CA INDEX NAME)

RN 686320-57-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-3-pyrrolidinyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{O} \\ \hline \\ \text{N-C} \\ \text{Ph} \\ \hline \\ \text{CH}_2-\text{OH} \end{array}$$

RN 686320-58-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-cyclopropyl-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methyl-4-piperidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-59-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methyl-4-piperidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-60-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 686320-63-8 CAPLUS

CN

RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-[(dimethylamino)acetyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-[1-(4-morpholinylacetyl)-4-piperidinyl]-2phenyl- (9CI) (CA INDEX NAME)

RN 686320-65-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-4-piperidinyl- (9CI) (CA INDEX NAME)

RN 686320-66-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[1-(aminoacetyl)-4-piperidinyl]-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-67-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[1-(aminoacetyl)-4-piperidinyl]-4-(2,5-

difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-,
mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 686320-66-1 CMF C26 H30 F2 N4 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 686320-68-3 CAPLUS

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(1-piperidinylacetyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)

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RN

686320-69-4 CAPLUS
1H-Pyrrole-1-carboxamide, N-[1-(1-azetidinylacetyl)-4-piperidinyl]-4-(2,5-CN difluorophenyl) -2,5-dihydro-2-(hydroxymethyl) -N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

686320-70-7 CAPLUS RN

1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-CN(hydroxymethyl) -N-methyl-N-[1-[2-(4-morpholinyl)-1-oxopropyl]-4-piperidinyl]-2-phenyl- (9CI) (CA INDEX NAME)

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RN 686320-71-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-[(ethylamino)acetyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-73-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-(1-methyl-3-piperidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-74-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-3-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-75-2 CAPLUS

CN lH-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-[1-(1-methylethyl)-3-piperidinyl]-2-phenyl-(9CI) (CA INDEX NAME)

RN 686320-76-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-{1-((dimethylamino)acetyl]-3-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-Nmethyl-2-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} O \\ C - CH_2 - NMe_2 \\ N - Me \\ C - CH_2 - OH \\ \end{array}$$

RN 686320-77-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[1-(2,2-difluoroethyl)-4-piperidinyl]-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-78-5 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-N-[1-(2-hydroxyethyl)-4-piperidinyl]-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-82-1 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2(hydroxymethyl)-N-methyl-N-[1-[2-(methylsulfonyl)ethyl]-4-piperidinyl]-2phenyl- (9CI) (CA INDEX NAME)

RN 686320-83-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-[2-fluoro-1-(fluoromethyl)ethyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-(9CI) (CA INDEX NAME)

RN 686320-87-6 CAPLUS

CN 1-Piperidineacetic acid, 4-[[[4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-, phenylmethyl ester (9CI) (CA INDEX NAME)

RN 686320-89-8 CAPLUS

CN 1-Piperidineacetic acid, 4-[[[4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-, methyl ester (9CI) (CA INDEX NAME)

RN 686320-90-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-[1-(1-methylethyl)-4-piperidinyl]-2-phenyl-(9CI) (CA INDEX NAME)

RN

686320-91-2 CAPLUS 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-4-piperidinyl)-CN 2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN686320-92-3 CAPLUS

1H-Pyrrole-1-carboxamide, N-[1-(cyclopropylmethyl)-4-piperidinyl]-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) CN (CA INDEX NAME)

RN 686320-93-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-(2-fluoro-1-methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 686320-94-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[1-(2,2-difluoro-1-methylethyl)-4-piperidinyl]-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-(9CI) (CA INDEX NAME)

RN 686320-95-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(3,3,3-trifluoropropyl)-4piperidinyl]- (9CI) (CA INDEX NAME)

RN 686320-96-7 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(phenylmethyl)-4-piperidinyl](9CI) (CA INDEX NAME)

RN 686320-97-8 CAPLUS
CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2(hydroxymethyl)-N-methyl-2-phenyl-N-[1-(4-pyridinylmethyl)-4-piperidinyl](9CI) (CA INDEX NAME)

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RN

686320-98-9 CAPLUS 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-CN (methoxymethyl)-N-methyl-N-(1-methyl-4-piperidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686321-47-1 CAPLUS

CN1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-N-(1-methyl-4-piperidinyl)-2-phenyl- (9CI) (CA INDEX NAME)

RN 686321-48-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-[(2-aminoethoxy)methyl]-4-(2,5-difluorophenyl)-2,5-dihydro-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{O} \\ \text{C-NMe}_2 \\ \text{Ph} \\ \text{N} \\ \text{Ph} \\ \text{F} \end{array}$$

IT 686320-47-8P, 2-[((tert-Butyldimethylsily1)oxy]methyl]-4-(2,5difluorophenyl)-2-phenyl-2,5-dihydro-1H-pyrrole-1-carbonyl chloride
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(intermediate, prepn. of dihydropyrroles as KSP inhibitors for treating proliferative diseases)

RN 686320-47-8 CAPLUS

CN 1H-Pyrrole-1-carbonyl chloride, 4-(2,5-difluorophenyl)-2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]methyl]-2,5-dihydro-2-phenyl- (9CI) (CA INDEX NAME)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	31.12	202.67
FORE ESTIMATED COST	31.12	202.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-4.50	-4.50

STN INTERNATIONAL LOGOFF AT 08:01:07 ON 11 JUL 2006